

Amendments to the Claims:

Please cancel claims 1-12 without prejudice or disclaimer, and add new claims 13-28, resulting in the following set of claims:

Claims 1-12 (cancelled).

13. (new) A machining device comprising:

a frame;

a first bearing supported by the frame, the first bearing having an axis of rotation;

a first support surface extending from the first bearing in a direction of the axis of rotation, the first support surface being asymmetrically arranged with respect to the axis of rotation;

a second bearing supported by the frame;

a second support surface extending from the second bearing in a direction toward the first support surface, the second support surface being asymmetrically arranged with respect to the axis of rotation; and

a receiving plate for a workpiece, the receiving plate being removably attachable to the first support surface such that the receiving plate is between the first support surface and the axis of rotation, the receiving plate being removably attachable to the second support surface such that the receiving plate is between the second support surface and the axis of rotation.

14. (new) The machining device according to claim 13 wherein the first and second support surfaces extend parallel to the axis of rotation.

15. (new) The machining device according to claim 13 further including an elongated member configured to position the receiving plate on the first support surface.

16. (new) The machining device according to claim 15 wherein the elongated member is

a screw.

17. (new) The machining device according to claim 15 wherein the elongated member is a pin.

18. (new) The machining device according to claim 13 further including a direct drive motor integrated with the first bearings.

19. (new) The machining device according to claim 13 further including a beam configured to extend between the first and second bearings, wherein the receiving plate is removably coupled to the beam.

20. (new) The machining device according to claim 13 further including for each bearing, a direct drive motor, the control of which is synchronized.

21. (new) The machining device according to claim 13 wherein the direct drive motor actuates the workpiece to be machined during the machining operation while a tool and the workpiece are in contact.

22. (new) The machining device according to claim 13 further including
a hydraulic vessel; and
a rod, extending from the hydraulic vessel, the rod being coupled to the first bearing at a location such that the first bearing is between the location and the receiving plate.

23. (new) A method for a system having a frame; a first bearing supported by the frame, the first bearing having an axis of rotation; a first support surface extending from the first bearing in a direction of the axis of rotation, the first support surface being asymmetrically arranged with respect to the axis of rotation; a second bearing supported by the frame; a second support surface extending from the second bearing in a direction toward the

first support surface, the second support surface being asymmetrically arranged with respect to the axis of rotation; and a receiving plate for a workpiece, the method comprising:

attaching the receiving plate to the first support surface such that the receiving plate is between the first support surface and the axis of rotation, and to the second support surface such that the receiving plate is between the second support surface and the axis of rotation;

detaching the receiving plate from the first and second support surfaces;

subsequently, receiving a component on the receiving plate; and

subsequently, reattaching the receiving plate to the first support surface such that the receiving plate is between the first support surface and the axis of rotation, and to the second support surface such that the receiving plate is between the second support surface and the axis of rotation.

24. (new) The method of claim 23 wherein attaching includes positioning the receiving plate on the first support surface by using an elongated member.

25. (new) The method of claim 23 wherein attaching includes positioning the receiving plate on the first support surface by using a screw.

26. (new) The method of claim 23 wherein attaching includes positioning the receiving plate on the first support surface by using a pin.

27. (new) The method of claim 23 wherein the system further includes a beam configured to extend between the first and second bearings, wherein the receiving plate is removably coupled to the beam.

28. (new) The method of claim 23 further including actuating the workpiece to be machined during the machining operation while a tool and the workpiece are in contact.